in multiple classrooms and that at any given time a student 1 might be watching Channel 21, the Township's access channel in 2 one classroom and another classroom might be watching the 3 educational access channel. Can that be done with the one -4 5 using only the one converter box that you're proposing to 6 provide for free? MR. SCOTT: Objection, Your Honor. I've got lots of 7 testimony for this witness. We put him up here to answer the 8 9 Court's direct question. I have not presented him for Direct questioning or general Cross-examination on issues that have 10 11 not been subject to his testimony. This is not 12 Cross-examination. 13 MR. VAN EATON: I thought that was part of the substance of his testimony is that the solution -- the 14 15 converter box solution. THE COURT: Wait one moment. Mr. Scott, were you 16 planning on doing a Direct Examination of this witness? 17 18 MR. SCOTT: Absolutely. 19 THE COURT: Okay. 20 MR. SCOTT: He didn't testify as to the schools. THE COURT: I thought you had -- I thought -- I guess 21 I misunderstood you, so allow Mr. Scott to question his 22 23 witness. 24 MR. VAN EATON: I apologize too. I misunderstood as 25 well.

THE COURT: I misunderstood.

MR. SCOTT: Your Honor, may I take a step back? We've presented a case we'd like to present that would have this witness after someone sets up a lot of the foundation. I brought him up here in respect to the Court's specific questions that I possibly couldn't answer and would prefer that we proceed with the Plaintiff putting on their proof and we put in our proof in the orderly fashion that we had planned. I'm happy to do it if you'd rather we just go forward with it. It might not make as much sense.

THE COURT: So you're not ready to question this witness?

MR. SCOTT: I would prefer to do it in the order where we set up his testimony with another witness. It would make much more sense.

THE COURT: Okay. I misunderstood again. Why don't you step down? So what do you want to do, Mr. Scott?

MR. SCOTT: I would like them to present their case and then I will cross-examine.

THE COURT: They rested before. I had a specific question when you were presenting yours, which is why I began with the witnesses.

MR. SCOTT: Very good. I would like to call -- I don't know if they have their witness available.

THE COURT: I need to take a break for a moment. Why

1 don't we do that until 11:30? 2 (Court recessed at about 11:17 a.m.) 3 (At about 11:43 a.m.) 4 5 (Court, counsel and parties present) 6 THE COURT: Thank you. MR. VAN EATON: Your Honor, before Mr. Scott begins, 7 8 we just had a little bit of confusion on our side. Normally I would have gotten up and rebutted his oral argument at that 9 10 point and I'm not sure whether you want us to do that now or 11 defer it until after he calls folks or just not do it at all. 12 THE COURT: You'll have an opportunity to stand again when Mr. Scott is done, so you can do it then. 13 14 MR. VAN EATON: That will be fine. Thank you. 15 THE COURT: You're welcome. 16 MR. SCOTT: Comcast calls Deborah Guthrie. 17 DEBORAH GUTHRIE, Having been duly sworn under oath at about 11:44 a.m., 18 19 testified as follows: 20 THE COURT: And Mr. Scott, I want to say this now. 21 I'm sure that most of the lawyers over the weekend and I know 22 that my Law Clerk and I worked long hours for this hearing 23 today, and people are probably pretty tired, but I don't think 24 it gives you -- I'm a little concerned about your tone and so

I want you to tone it down. I don't have the patience for it.

MR. SCOTT: I'm sorry, Your Honor. I heard that in 1 your voice and I realize what you were telling me is that my 2 exhaustion is showing and I apologize. I will rein it in. 3 THE COURT: All right. Thank you. 5 DIRECT-EXAMINATION BY MR. SCOTT: 6 7 Good morning, Miss Guthrie. 8 Good morning. I've read your Affidavit submitted in this matter and I just had a few follow-up. 10 : 11 My name is Deborah Karen Joanna Guthrie. G-u-t-h-r-i-e. 12 In your role as Cable Coordinator for the Township of Meridian, do you have familiarity with the operations of Wide 13 14 Open West at all? 15 Α. No. 16 Have you spoken with Wide Open West? 17 Α. No. 18 Do you know who Wide Open West is? No. I know these are cable providers, but I don't know 19 20 much more than that. They don't provide cable service in your community? 21 22 No, not to my knowledge.

Are you aware of any discussions with AT&T with Meridian

A. They don't provide cable service in our community either.

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Q.

What about AT&T?

- 1 Township?
- 2 A. No.
- Q. So there are Direct TV and Dish Network satellite services
- 4 available in the Township, correct?
- 5 A. Of course.
- 6 Q. They don't provide any public, educational or governmental
- 7 access channels, right?
- 8 A. No.
- 9 Q. Now with respect to the schools, there's been some
- 10 confusion. Do you have any relationship or role with the
- 11 | schools as Cable Controller -- Coordinator?
- 12 A. Yes. I talk with them about cable issues and we discuss
- 13 issues, things of that manner.
- 14 Q. I'm just wondering if you're aware of any other entity
- 15 provides the schools with free services like Comcast free
- 16 | cable service?
- 17 A. No.
- 18 | Q. Now you're familiar with the public, educational and
- 19 governmental access channels and you mentioned one in your
- 20 affidavit?
- 21 | A. Right.
- Q. So the Township has the ability to control programming
- 23 | over that channel?
- 24 | A. Over our channel we produce the programs for our channel.
- 25 Q. One of the channels?

- 1 A. Right.
- 2 Q. And you have the ability to make public announcements over
- 3 | that of whatever type you want?
- 4 A. Yes.
- Q. Has the Township made any announcements over its channel
- 6 regarding the conversion of these two channels?
- 7 A. Yes.
- 8 | Q. Could you describe those?
- 9 A. Notification to the public that Channel 21 was going to be
- 10 | Channel 915. Originally the original notice said 911 and
- 11 so when I found out through -- I don't even remember who --
- 12 but it was 915, we immediately changed it. Then we notified
- Haslett and Okemos which 900 channels those were going to be
- 14 as well.
- 15 Q. Thank you. You describe a test that was conducted by your
- 16 | staff to see if the access channels were available?
- 17 | A. Yes.
- 18 Q. Did you and your staff find the access channels on that
- 19 | QAM TV set described in your affidavit?
- 20 A. My employee that conducted the test, he's here today if
- 21 you would like to ask him those questions what his findings
- 22 | are.
- 23 | Q. What is your knowledge?
- 24 A. My knowledge is that his original test did not find our
- 25 | PEG channels on the digital QAM TV. We were informed that

those channels were being simulcast currently and the letter stated that a digital QAM capable television would be able to 2 have the 915, whatever those 900 channels were on a QAM TV. 3 We did not find that and I went to Comcast and picked up a 4 converter box and we connected it to our analog TV set and 5 those channels were being simulcast on Channel 21, 22. Those 6 PEG channels were being simulcast on -- in the 900s with the 7 converter box and analog television. 8

- Who's your staff person that conducted this test? 9
- 10 Brian Dumont, Senior Production Manager. He's here with us today.
- You're not aware that Mr. Dumont found the channels 12 13 without the converter?
- He did find the channels without the converter on the 14 15 digital QAM TV.
- 16 Do you know whether he scanned the channels to see if it 17 was on a different location?
 - A. He -- my direction to him was to punch in the numbers individually like physically say one, two, three and to go channel up channel down, and his results at that time showed that -- showed our channels where they're supposed to be and did not show any digital conversion.
- 23 That's your understanding of what he found?
- 24 Α. Yes.

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Thank you. I have nothing further for the witness, Your

1 Honor. THE COURT: Didn't her testimony just confirm what 2 the Plaintiffs are saying? 3 4 MR. SCOTT: I'm aware that the channel is on the system --5 THE COURT: I'm just asking yes or no, because if 6 7 that's true, there's no -- I heard her say what the Plaintiffs said. Did you hear the same thing? 8 9 MR. SCOTT: Her affidavit said it was not on Channel 10 900 and that's what I heard her confirm and what I was trying to find out is if they looked for it elsewhere on the system. 11 12 THE COURT: I heard that she could not find the 900 channels without a Comcast converter box. 13 MR. SCOTT: Correct. 14 THE COURT: All right. Thank you. 15 16 CROSS EXAMINATION 17 BY MR. WATZA: 18 Q. One question, Your Honor. Miss Guthrie, notwithstanding 19 the Notice that you talked about a moment ago that was sent 20 out over the PEG stations about the channel change, what is 21 your understanding of the state of understanding in the 22 community about what the PEG change will be? 23 It's access for everyone. It's access for everyone. 24 that your question?

Q. You were asked about notices that were sent out over PEG

about the channel change coming up tomorrow? 1 2 A . Yeah. What is your understanding of the state of understanding 3 about that? 4 MR. SCOTT: Objection; hearsay. 5 MR. WATZA: Within the community notwithstanding the 7 notice? MR. SCOTT: Objection. Foundation; hearsay. 8 9 THE COURT: Well, does your role at Comcast require 10 you to get community input? 11 THE WITNESS: Comcast notifies me. I then notify the Cable Commission and Township Board of matters that Comcast 12 notifies me of, and then if that requires or if the Township 13 Board would like me to notify the public, then I do that. So 14 we notified them that on January 15th they were going to find 15 16 these channels --17 THE COURT: (Interjecting) I understand all that, but 18 are you -- is your position one that interacts with the community to get feedback to what action you take? 19 20 THE WITNESS: Yes. 21 THE COURT: Overruled, Mr. Scott. 22 (By Mr. Watza continuing) I believe that you can answer the question. What is your understanding of the state of 23 understanding about this PEG change in the community that you 24 25 deal with?

1	A. That people are supposed to be able to find it on those
2	channels.
3	Q. And is the community responding to you by telling you they
4	are finding them or is there confusion or what's the state out
5	there in the community as you understand it?
-6	A. Confusion. There's a lot of confusion.
7	Q. Thank you. That's all I have.
8	REDIRECT EXAMINATION
9	BY MR. SCOTT:
10	Q. I agree there's confusion. I just want to ask a question
11	to make sure it's clear.
12	THE COURT: What does that mean? Is that part of your
13	question?
14	MR. SCOTT: I'm sorry, Your Honor.
15	THE COURT: Mr. Scott, I don't want to have to tell
16	you this again. I don't like your undertone. I don't like
17	your sarcasm. I don't like you referring to counsel in his
18	statements as testimony. I don't like a lot of things that
19	you're doing and I want it to stop. I had you go through our
20	principles of civility for a reason and it doesn't sound like
21	you took it to heart.
22	MR. SCOTT: I deeply appreciate it, Your Honor.
23	Q. (By Mr. Scott continuing) I'm just trying to clear up a
24	confusion that I thought I heard. You work for the Township
25	of Meridian, not Comcast, right?

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Correct. 1 Α. 2 That's all. Thank you. 3 MR. WATZA: I have nothing else. THE COURT: Thank you. You can stand down Miss 4 Guthrie. 5 6 MR. SCOTT: Your Honor, Comcast calls David Buhl. 7 DAVID BUHL, Having been sworn under oath at about 11:54 a.m., testified: 8 9 DIRECT-EXAMINATION BY MR. SCOTT: 10 Good morning, Mr. Buhl. Could you describe your position 11 12 with Comcast for the Court? Yes. Currently I'm a Regional Senior Vice President for 13 14 Comcast Michigan. Basically my responsibilities would be all 15 cable, internet and voice operations, all aspects of the business, including profit and loss statement, every single 16 17 discipline, technical, engineering, all under my supervision. Q. How many customers are under your responsibility? 18 19 In Michigan we have about just under 1.3 million video 20 subscribers. We're here of course for the transition of Comcast's 21 channels on public, education, governmental access to digital 22 23 format. Could you just tell us what Comcast is doing with 24 these channels in your own words?

I think the easiest way to describe it is these channels

1 are being moved from an analog format to a digital format to

2 enhance their picture quality, and another piece of the change

is to put them in an easy to find place in our system so that

4 | they're uniform across the state so that the customer

5 experience would be that they can find these channels in a

6 similar place regardless of what city they live in, which is a

7 | change from what we have today.

8 Q. What tier of service will the public, education,

9 governmental channels be on?

10 A. On the Basic Service tier, what I call our Limited Basic

Service tier which is the lowest west level of service you can

12 buy.

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Q. What other tiers do you have above that?

14 A. Well, above the lowest basic tier we have one that we call

15 | -- it's been referred to many things over the years -- a full

16 Basic tier which would be the full analog complement plus some

17 digital format channels. If I talk in terms of the lowest

price point tier is in the \$15 a month range, the full Basic

gets you closer to 50 and then you move into digital tiers

20 where we continue to add services and products.

Q. So from the \$15 tier it goes to what?

A. Roughly 50.

Q. And that changes in communities?

24 A. Yes.

Q. Now I'd like to try to clarify for the Court the number of

customers potentially effected by this with an exhibit, Your 1 2 Honor, if we could? 3 THE COURT: Yes. MR. SCOTT: May I hand Comcast Exhibit One? 4 5 THE COURT: Yes. (By Mr. Scott continuing) Mr. Buhl, you recognize this 6 7 document? I do. 8 9 Q. Can you tell us what it is? This is a compilation of some subscriber data that came 10 11 from a Business Report that I regularly review. Q. And how did this document come to be created? 12 Myself and my staff actually took the most recent Business 13 Report and just pulled the data off of that. 14 15 From regularly kept business records? Q. 16 Α. Absolutely. 17 THE COURT: Any objection? 18 MR. VAN EATON: No, Your Honor. 19 THE COURT: It's admitted. 20 (By Mr. Scott continuing) Thank you, Your Honor. 21 Buhl, would you please walk through this exhibit and let's 22 look at the city of Dearborn and explain how this digital transition effects customers in for example the city of 23 24 Dearborn, the first one on the chart? 25 A. Sure. What we try to talk about here first of all is what

the state of competition is in Dearborn and the easiest way to display that is to start with the number of phones passed in that community which would represent all the households in our business records that would be available to have our cable service brought to them. What it also shows is that we certainly aren't a monopoly provider in that city since we currently serve under 15,000 customers which would take our market share well below 40% of the households.

THE COURT: Mr. Buhl, when you say this 40,000 number represents the homes available to have cable service, is that all of the homes in Dearborn?

THE WITNESS: According to our business records, that would be where my cable plant is available. So the number of homes passed would be slightly larger, but we're pretty good at making sure we can get to most everybody.

THE COURT: Thank you.

THE WITNESS: Going down the page, I tried to break out the number of customers that we already have that are subscribing on a digital tier of service because clearly they already have a piece of equipment in their house. They're subscribing to a much higher level of service and the PEG channels in digital format will certainly be seen by these customers.

Q. (By Mr. Scott continuing) Could you point to that line on this and tell us what number is that we'll already be able to

1 | see them?

- 2 A. The digital sub number of just over 9300 there or roughly
- 3 | 63.3% of my video subscribers would be able to continue to see
- 4 that.
- 5 Q. They already have the equipment?
- 6 A. They already have equipment because they're subscribing to
- 7 a higher level of service.
- 8 Q. What's the last line, number of homes potentially impacted
- 9 | that you put on this?
- 10 A. What I try to depict here is the number of homes
- 11 potentially impacted and it's important to recognize that that
- means they don't currently have a piece of equipment from
- 13 | Comcast. I think what I tried to display is kind of the worst
- 14 case scenario maximum number because clearly a number of those
- 15 | customers, it's pretty well widely industry known that at the
- 16 end of 2007, over 50% of the television sets in the U.S. are
- 17 | now digital ready; that's a pretty standard industry fact. So
- 18 | the worst case scenario would be this number of homes, but
- 19 | it's certainly much less than that because many of these
- 20 | customers do now have digital television sets. As I said 53%
- 21 is the national average for digital homes. So the worst case
- 22 | scenario would be 13% of the population of Dearborn might be
- 23 effected, but it's likely a number quite a bit smaller than
- 24 that.
- 25 | Q. Now what is going to be the price for the equipment for a

customer who wants to go from a situation where they can't now get the PEGs on digital, but can in a few days?

A. Okay. So let's assume on one of these analog customers I don't have my own digital TV set. I'm going to count on Comcast to help them with this problem. I mentioned that there's really a couple of sets of customers, some that buy the lowest level of Basic which is in that \$15 a month range. Of that 5400 some customers, there are only about 500 customers in Dearborn that are at that \$15 range. Those customers would be offered a free box for a year and at the end of that year, the current rate for that equipment is \$4

for the box and 20 cents for the remote and that's a rental charge.

Q. When do you think that goes into effect?

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A. The four dollar charge? At the end of the free year. Now the balance of those customers which would be the substantial number, are customers that are probably already paying for our full basic service in the \$50 range and if they called in, they would still be offered a free box for a year and they would have an option to pay the \$4 if they wanted to stay analog, but if they wanted to upgrade their service to our lowest level of digital service which is the next step up, that current price is a dollar ninety-nine a month. So the majority of customers might pay \$2 more after their free year and a very small subset might pay \$4 if they chose to rent

1 their equipment from us. 2 THE COURT: Mr. Buhl, I want to be clear. Of the 5,443 homes you have listed here, are you saying that only 500 3 of them are -- only 500 of them subscribe to the limited Basic 4 5 service? 6 THE WITNESS: That is correct. 7 THE COURT: And then the rest of that 5000 -- so 8 roughly 5000 of them are at full Basic? THE WITNESS: Full Basic probably paying close to \$50. 9 THE COURT: But they don't have digital equipment? 10 THE WITNESS: No, that's correct. 11 12 THE COURT: So does that mean that your standard 13 Basic Package doesn't require -- it's all analog? 14 THE WITNESS: The standard Basic Package is mostly analog. There are a few channels on there that are digital 15 format because the lowest level of Basic is included in the 16 17 larger level of Basic. 18 THE COURT: Thank you. 19 (By Mr. Scott continuing) Mr. Buhl, let's talk about the way you just described the city of Dearborn. Look at Meridian 20 21 Township. 22 Yes. Α. 23 Could you summarize Meridian Township statistics that 24 you're showing here for the effect of the transition? Well, I think a very similar effect we start with about, 25

1 | if I was to do the quick math there, it looks like my video

- 2 subscriber penetration is higher than it is in Dearborn.
- 3 | That's to be expected because I have five competitors in
- 4 Dearborn; I only have two competitors in Meridian Township.
- But very similarly, of my video subscribers, better than 60%
- 6 of them already have digital equipment and when I look at the
- 7 maximum number of homes potentially impacted in this case,
- 8 it's 4400. In Meridian when I looked at the data there's
- 9 about 600 customers at the lowest level of service and the
- 10 remaining 3800 are the \$50 a month type customer.
- 11 Q. You've given figures for that lowest limited basic in both
- 12 Dearborn and Meridian. How do you know that number? It's not
- 13 on the chart.
- 14 A. It's not on the chart, but when he look at my Monthly
- 15 | Business Report and I see these broad categories if they're
- 16 | video or if they're digital or if they're not digital, the
- 17 | spread sheet basically has the columns of all the lower tiers
- 18 that add up. So the analog number is supported by a break out
- 19 of higher level analog versus lower level analog.
- 20 Q. Could you describe the city of Detroit example here? You
- 21 put that on here to show a different type of example.
- 22 A. Right. I wanted to show that competition comes in several
- 23 | forms. Here in the city of Detroit, we now have three
- 24 | competitors.
- 25 Q. Could you name them please?

Direct TV, Dish Network and AT&T is now providing some service in the city of Detroit. As a result, the market share is a good example here of our market share in the city certainly wouldn't be anything I'd call a monopoly when we only serve about 24% of the homes, and from an impact standpoint, most of the homes in digital -- in Detroit have purchased the digital level of service. You can see over 83% of my customers in Detroit buy the digital level of service, so when compared to the total number of homes in Detroit, the number of homes potentially impacted is 15,000 or so which is less than 4% of all the homes and given the same discussion about how many TV sets have moved to an all digital purchase by a customer, one would expect that we're down in the very low single digits of homes that would be immediately impacted and until they take advantage of an offer or find some other piece of equipment.

- Q. Now you keep talking about the offer for -- is it a free digital converter for one year?
- A. Yes. What we have offered to customers that want to continue to receive their PEG channels is a process where they call and identify themselves. We have revised that process through some feedback to try and make sure that we get the customer the box quickly. They go to a special group that's handling these requests. The customers explained a couple of options of what's available to them and then they make sure

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that the customers that want that box know that it will be 2 free for a year, what the cost is likely to be a year from now 3 if they change nothing between now and then, and that's always 4 a big piece of a discussion with a customer is what might 5 happen during the course of the next year. And then we make 6 sure they get their box either delivered or using UPS type . 7 shipping process. We can send a technician or they can come to one of our walk-in centers and pick up the equipment 8 9 themselves. 10 Q. What is Comcast's ability to provide converter boxes to all those customers that it serves that don't have one in 11 12 Dearborn and Meridian Township, for example? A. Well, I can say with absolute certainty that every 13 14 customer in the state of Michigan -- I'll go so far to say -that calls us up and wants a converter to receive these PEG 15 16 channels, I can make sure that they get it. 17 Thank you. Let me ask you another question. Why not just 18 give this converter box for free for as long as there's any 19 analog broadcast stations? A. Well, there's really two pieces to the whole free 20 converter question, but one would be --21 22 THE COURT: (Interjecting) I'm sorry, Mr. Scott. What 23 is your question? MR. SCOTT: My question was why doesn't Comcast just 24

make this box free for as long as there's any broadcast

stations on analog?

THE COURT: Okay.

- A. I think the most direct answer to that is as a publicly traded corporation, we obviously have a fiduciary responsibility to our shareholders. So what we tried to do was to get customers free to the digital transition point, because we knew by that point and time they would be making other decisions about what was going on in their household; whether it's time to buy a new TV, whether it's time to take this equipment from Comcast, whether it's time to get equipment from someone else. So we felt the offer at the time got them to a natural decision point that they needed to make on their own.
- Q. Could you please explain the factors for the Court, what went into the decision to move these PEG channels to digital now?
- A. I think one has to step back and look at the migration we've been making from analog to digital since 2006 at least that I can remember. This is not the first channel that we've moved from analog to digital and probably wouldn't be the last channel that we move in analog to digital. We look at each one of these on a case-by-case basis and I can honestly say having been in my position since late 2006 that in the early decisions we were looking for channels that always we kind of follow the same script. We want to make sure that we're

1 assessing customer need and impact. We're trying to assess where the competition is at that time relative to our 2 decision, and then we look at the impact and our ability to 3 make the transaction smooth. What's really driven us at this 4 5 point and time to make PEG the next selection, and I believe 6 if we look at what we've talked about in the past, we've 7 probably already moved three or four other channels from analog to digital prior to this and we are also moving a 8 Comcast channel at the same time. So it kind of makes PEG the 10 6th or 7th choice, so it wasn't our first choice and so let's get to why PEG now. We're coming through a time period 11 competitively where we've introduced in the last year in the 12 state of Michigan AT&T as a brand new competitor. In less 13 14 than a year they've gone from not existing as a competitor to operating in over 90 communities in the state. They're a 15 well-funded organization. You can't look at TV not see an ad 16 for AT&T service. In addition to that, Wide Open West in the 18 city of Dearborn has certainly not gone away and the satellite 19 dishes have become more and more competitive. The other piece 20 (Interjecting) Mr. Buhl, is AT&T in the city of Dearborn? 21 0. 22 AT&T does provide service in the city of Dearborn.

like I said, we have four competitors in the city of Dearborn

and my market share clearly reflects the fact that I've got

25 multiple competitors. Getting back to the other point.

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1 Competitively this is not just about video services. these providers for the most part are after a household share 2 They want your internet business. They want your 3 of video. voice or telephone business and the bandwidth that we manage 4 at Comcast has to be utilized to provide all of that. 5 6 it would be hard to say that I don't have customers that weren't really glad that we got in the telephone business. 7 8 We're providing a competitive choice in telephone, in many cases for the first place in the state and this is the same 9 bandwidth that delivers that. Internet competition really 10 11 came out against the telephone company because cable decided to provide internet service. I think AT&T's entry is a 12 reaction to well, they had the internet and the phone product, 13 14 but they didn't have the video product. Wide Open West provides all three services in Dearborn. So bandwidth 15 16 management is a very important part of the business and is part of the competitive landscape. 17 Mr. Buhl, could I interrupt you? Do you know whether Wide 18 19 Open West provides free cable service to schools in Dearborn? 20 I am not aware of Wide Open West providing any free service to schools predominantly because we've already 21 22 provided free service to the school. Where PEG comes in in the discussion this time is the fact that PEG represents a 23 fairly significant portion of the analog bandwidth and while 24 25 we were able to keep up and compete on all these product

1 fronts by taking smaller chunks maybe one channel at a time, when you come through the Christmas buying season and you know 2 based on reports how many HD TV sets went out the door, how 3 many digital TV sets went out the door, how many new computers 4 went out the door, the customer demand at this point is so 5 much larger than any time of year, that we found ourselves in 6 7 a position that we needed to launch multiple HD channels at this time, multiple standard definition type channels and we 8 needed to be cognizant of the fact that we needed to improve 9 the speed of the internet because of all the new users and the 10 11 growth of the phone business in Michigan has been so phenomenal, we have to provide bandwidth to keep up with that 12 activity and it all just kind of came in this holiday period 13 huge amount of demand. So we sat down with engineers and said 14 how much bandwidth do we need to really keep the competition 15 effective and the bandwidth requirement was a large amount and 16 so PEG became the next decision point. 17 You talked about competition with the satellite 18 companies. Can you describe the -- just quickly compare the 19 products between the two? .. 20 I think satellite is a good product. Obviously they have 21 a lot of customers, customers enjoy it and it's an all digital 22 product. It's an all digital product that requires a set top 23 box on every TV that you want to see satellite, so by the way 24

is AT&T service a digital service that requires a box on every

- 1 | single TV that you want to see it on.
- Q. Could I stop you there? Neither the satellite service or
- 3 the AT&T service, are they in analog?
- 4 A. They are not. They're a hundred percent digital. They
- 5 | have a 100% standardized lineup which means the customer
- 6 experiences the same whether you buy their service in Lansing
- 7 or in Detroit. In particular, the intensity of competition
- 8 | for the satellite providers has been surrounding the trying to
- 9 capture the high-definition market. The biggest and most money
- 10 being spent by them today is trying to capture high-end,
- 11 high-definition, high content type users.
- 12 Q. Now I'd like to if I could, Your Honor, introduce two
- 13 | exhibits?
- 14 THE COURT: Yes.
- 15 Q. Thank you. Witness, what is marked Comcast Exhibit Two?
- 16 A. Okay.
- 17 | Q. Tell us what this is.
- 18 A. This is a mail piece that was sent from satellite provider
- 19 to a person in my office that he brought it to my attention.
- 20 | Q. This is two pages stapled together. It was supposed to be
- 21 | two exhibits. We can treat it as one, but could you just
- 22 | identify what you're looking at when you say it was a mailer?
- 23 A. The first page here that has all of the stuff on it.
- 24 They're actually both a mailer. The small piece was kind of a
- 25 detachment. It all came in one mail envelope.